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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/769,736	01/26/2001	Richard William Falla Le Page	031855.0093	7582
21967	7590	07/29/2005	EXAMINER	
HUNTON & WILLIAMS LLP INTELLECTUAL PROPERTY DEPARTMENT 1900 K STREET, N.W. SUITE 1200 WASHINGTON, DC 20006-1109			CARLSON, KAREN C	
			ART UNIT	PAPER NUMBER
			1653	
DATE MAILED: 07/29/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.



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EXAMINER

ART UNIT	PAPER
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07272005

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Commissioner for Patents

Please find attached the initialed PTO-1449s filed July 11, 2005.

KAREN COCHRANE CARLSON, PH.D
PRIMARY EXAMINER

Results of Southern blot analysis

All genomic digests and their corresponding Southern blots followed an identical lane order as described in Table I.

5 Table I

1 kb molecular Weight Marker	515	A909	SB35	H36B	18RS21	1954/92
	Ia	Ia	Ib	Ib	II	II

118/158	97/0057	BM110	BS30	M781	97/0099	3139
II	II	III	III	III	III	IV

1169-NT	GBS 6	7271	JM9	Group A Streptococcus pneumoniae	14
V	VI	VII	VIII	-	

- 10 For comparative purposes, it was decided to analyse the serotype distribution of the GBS *rib* gene, which encodes the known protective immunogen Rib. Rib has previously been shown to be present in serotype III and some strains of serotype II but not in serotypes Ia or Ib (Stalhammar-Carlén *et al.*, 1993). Confirmation of this pattern would not only give increased confidence in interpreting subsequent results, it would also determine if a *rib* gene homologue was present in the remaining GBS